

# TOSHIBA

## Tecra A4

Professional multimedia performance in a widescreen format.



New and exclusive!

**Toshiba EasyGuard**

Carefree Mobile Computing



### Carefree mobile computing with Toshiba EasyGuard

Toshiba EasyGuard is the better way to enhanced data **security**, advanced system **protection** and easy **connectivity**. Equipped with the Toshiba EasyGuard Advanced package for carefree mobile computing, including:

- Enhanced mobility with **Toshiba ConfigFree™** software for simplified wireless and wired connectivity
- **Diversity Antenna** with automatic antenna selection for optimal wireless connectivity
- **Toshiba Summit** for net meeting productivity and easy wireless file sharing
- Easy access and exchange of components such as memory, HDD, Wireless LAN and Bluetooth™ modules to save maintenance costs and minimise system downtime
- **Execute Disable Bit (XD-Bit)** capability to prevent buffer overflow virus attacks
- Robust system design for improved product quality, reliability and durability
- **Wireless LAN Switch** for easy and secure activation / deactivation of integrated Wireless LAN or Bluetooth™ modules

- **Toshiba Assist button** for one-touch access to system support and services

### Experience unprecedented mobile multimedia performance

- **15.4" WXGA TFT widescreen display** with Toshiba TruBrite enhanced screen technology (on selected models) for more vivid and brighter images
- Enjoy the enhanced graphics of the latest **ATI MOBILITY™ RADEON® X600** supporting PCI Express® bus architecture with up to 128 MB dedicated video memory
- Integrated DVD Super Multi drive allows users to copy all types of DVDs onto disc, while DVD Super Multi drive (Double Layer) supports recordable DVDs featuring two separate recording layers that can store 8.5 GB of data (depending on configuration)

### Truly stylish business performance

- **Delivers exceptional mobile performance** in a thin and light design thanks to the latest Intel® Centrino® mobile technology including Intel® Pentium® M processor and Mobile Intel® 915 PM Express chipset
- Features a slimline design weighing just 2.8 kg

- Microsoft® Windows® XP Professional with standards-based security, manageability and reliability
- Microsoft® Office OneNote™ 2003 enables you to capture, organise and reuse your notes electronically

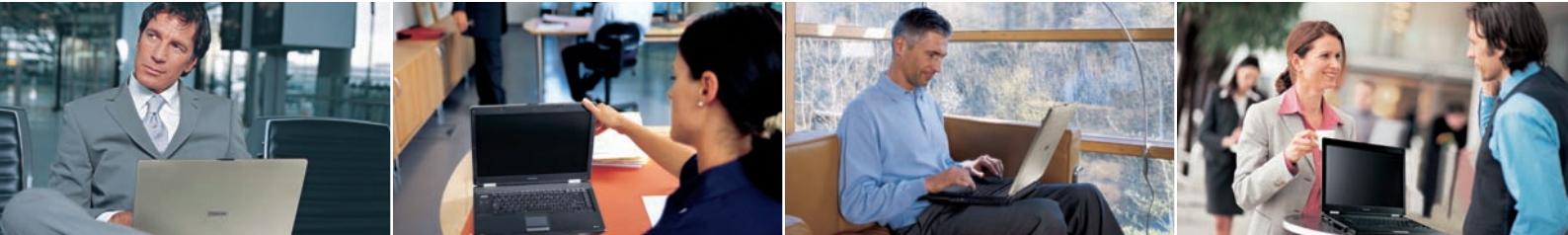
### Ultimate connectivity and all-in-one convenience

- **6-in-1 bridge media slot** supports SmartMedia™, SD™ Card, xD-Picture Card™, Memory Stick®, Memory Stick Pro®, MultiMedia Card™
- 3 USB 2.0 ports, TV-out port, i.LINK® (IEEE1394), PC Card support for easy, high-speed connectivity
- Built-in dual-mode Wireless LAN 802.11 b/g
- Bluetooth™
- Internal international V.90 modem (V.92 ready)
- 10/100/1000 Gigabit Ethernet LAN port



Go online at:  
[computers.toshiba-europe.com](http://computers.toshiba-europe.com)

Find out more:  
For further information please contact  
your nearest Toshiba Authorised Reseller.



## Specifications Tecra A4



Execute Disable Bit Protection (XD-Bit), Data Backup, Durable Design, Kensington Lock, Diversity Antenna, Toshiba Summit, Toshiba ConfigFree™, PC Diagnostics, Easy Fix Components, Wireless LAN Switch, Antivirus Software

| Model                  | Tecra A4-255                                                                                                                                                                                                                                                                                                                          | Tecra A4-230                                                                                                                                                                                                                  | Tecra A4-256                                                                                                                                                                                                                  |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor / Technology | Intel® Centrino® mobile technology including Intel® Pentium® M processor 750 (1.86 GHz, 533 MHz Front Side Bus, 2 MB 2nd level cache), Intel® PRO/Wireless 2200BG network connection and Mobile Intel® 915 PM Express chipset                                                                                                         | Intel® Centrino® mobile technology including Intel® Pentium® M processor 760 (2.00 GHz, 533 MHz Front Side Bus, 2 MB 2nd level cache), Intel® PRO/Wireless 2200BG network connection and Mobile Intel® 915 PM Express chipset | Intel® Centrino® mobile technology including Intel® Pentium® M processor 770 (2.06 GHz, 533 MHz Front Side Bus, 2 MB 2nd level cache), Intel® PRO/Wireless 2200BG network connection and Mobile Intel® 915 PM Express chipset |
| Operating system       | Microsoft® Windows® XP Professional                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                               |                                                                                                                                                                                                                               |
| Display                | 15.4" WXGA TFT display, resolution 1,280 x 800                                                                                                                                                                                                                                                                                        | 15.4" Toshiba TruBrite® WXGA TFT display, resolution 1,280 x 800                                                                                                                                                              |                                                                                                                                                                                                                               |
| Hard disk              | 60 GB (5,400 rpm), Serial ATA                                                                                                                                                                                                                                                                                                         | 80 GB (5,400 rpm), Serial ATA                                                                                                                                                                                                 |                                                                                                                                                                                                                               |
| System memory          | 512 MB, maximum expandability: 2,048 MB, technology: DDR RAM                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                               |                                                                                                                                                                                                                               |
| Optical device         | DVD Super Multi (Double Layer) drive                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                               |                                                                                                                                                                                                                               |
| Graphics adapter       | ATI MOBILITY™ RADEON® X600, 64 MB Video RAM, 16x PCI Express                                                                                                                                                                                                                                                                          | ATI MOBILITY™ RADEON® X600, 128 MB Video RAM, 16x PCI Express                                                                                                                                                                 |                                                                                                                                                                                                                               |
| Pointing device        | Touch Pad                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                               |                                                                                                                                                                                                                               |
| Wired communication    | Gigabit Ethernet LAN, international V.90 modem (V.92 ready)                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                               |                                                                                                                                                                                                                               |
| Wireless communication | Wireless LAN (802.11b/g), Bluetooth™, Fast InfraRed                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                               |                                                                                                                                                                                                                               |
| Sound system           | Toshiba Bass Enhanced Sound System, built-in stereo speakers, built-in microphone, volume dial                                                                                                                                                                                                                                        |                                                                                                                                                                                                                               |                                                                                                                                                                                                                               |
| Interfaces             | 6-in-1 Bridge Media slot (supports SD™ Card, SmartMedia™, Memory Stick®, Memory Stick Pro®, MultiMedia Card™, xD-Picture Card™) DC-in, external microphone, external monitor, headphone, i.LINK® (IEEE1394), parallel, RJ-11, RJ-45, TV-out (s-video), 3 x USB 2.0, built-in speaker, expansion bus connector                         |                                                                                                                                                                                                                               |                                                                                                                                                                                                                               |
| Expansion              | PC Card slot for 1 x Type II card, 2 memory slots, connection to Advanced Port Replicator III (optional), Express Card™ slot                                                                                                                                                                                                          |                                                                                                                                                                                                                               |                                                                                                                                                                                                                               |
| Battery                | Technology: lithium-ion, maximum life: up to 2:56 hours (Mobile Mark™)                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                               |                                                                                                                                                                                                                               |
| Bundled software       | Microsoft® Office OneNote™ 2003, online user and modem manual, Management Console, Bluetooth™ Service Center, Toshiba ConfigFree™, Connectivity Doctor, Sonic™ Record Now!, WinDVD, InterVideo® WinDVD Creator 2 Platinum, Norton Internet Security™ 2005 (includes free Internet updates for 90 days), Toshiba utilities and drivers |                                                                                                                                                                                                                               |                                                                                                                                                                                                                               |
| Bundled hardware       | AC adapter                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                               |                                                                                                                                                                                                                               |
| Special features       | SM BIOS compliant, Toshiba Power Saver utility, Toshiba Presentation button, Toshiba Assist button                                                                                                                                                                                                                                    |                                                                                                                                                                                                                               |                                                                                                                                                                                                                               |
| Physical dimensions    | W x L x H: 360 x 268.5 x 29 (front) / 36.2 (back) mm, weight: 2.80 kg                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                               |                                                                                                                                                                                                                               |
| Warranty               | 2-year international warranty. Upgrade your standard warranty with Toshiba warranty extension and uplift packs. Contact your nearest Toshiba Authorised Reseller for details.                                                                                                                                                         |                                                                                                                                                                                                                               |                                                                                                                                                                                                                               |

### High Capacity Battery

Art. No. PA3400U-1BRS

### USB Memory 512 MB

Art. No. PX1161E-1M51



### USB 2.0 Port Replicator II with Network port

Art. No. PX1173E-1PRP

### International Warranty Extension

Art. No. PX1186E-1NCA

| Basic options Tecra A4                        | PA number      |
|-----------------------------------------------|----------------|
| <b>Power</b>                                  |                |
| AC Adapter                                    | PA3378E-2ACA   |
| Battery                                       | PA3399U-1BRS   |
| High Capacity Battery                         | PA3400U-1BRS   |
| <b>Expansion</b>                              |                |
| 512 MB Memory PC2100/PC2700 DDR SODIMM        | PA3312U-2M51   |
| USB Memory 512 MB                             | PX1161E-1M51   |
| <b>Drives</b>                                 |                |
| External USB FDD                              | PA3109U-1FDD   |
| <b>Connectivity</b>                           |                |
| Advanced Port Replicator III                  | PA3314E-1PRP   |
| USB 2.0 Port Replicator II with Network port  | PX1173E-1PRP   |
| <b>Carry Cases</b>                            |                |
| Leather Case                                  | PX1186E-1NCA   |
| <b>Desk-based</b>                             |                |
| USB Retractable Travel Mouse                  | PX1096E-1NAC   |
| Kensington Micro Saver                        | PX1172E-1NAC   |
| <b>Services</b>                               |                |
| International Warranty Extension              | Contact Dealer |
| EMEA On-site Repair Next Business Day Service | Contact Dealer |

Dealer stamp:

CPU performance may vary from specifications under certain conditions such as the use of battery instead of AC power, certain external peripherals, certain multimedia applications or network connections, complex modeling software and in areas with low air pressure at high altitude (1,000 metres above sea level) and/or certain temperatures. CPU performance may also vary from specifications due to design configuration. Under some conditions, your computer may automatically shut down as a normal protective measure. To avoid risk of lost data, please make periodic back-up copies. For optimum performance, use your computer only under recommended conditions. Please read detailed restrictions in the product resource guide, visit the Toshiba web site: [computers.toshiba-europe.com](http://computers.toshiba-europe.com) and/or contact Toshiba Technical Support. • One GB means one billion bytes, accessible capacity may be less. • For information about upgrading your system memory please refer to the user manual or contact your local Toshiba service provider. • Wired and wireless communication capabilities to be applied in countries where approved. • Battery life may vary depending on applications, power management settings and features utilized. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see your accessories information that shipped with your computer or visit the Toshiba web site at [computers.toshiba-europe.com](http://computers.toshiba-europe.com). • Small bright dots may appear on your TFT display when you turn on your PC. Your display contains an extremely large number of thin-film transistors (TFT) and is manufactured using high-precision technology. Any small bright dots that may appear on your display are an intrinsic characteristic of the TFT manufacturing technology. • Weight may vary depending on product configuration, vendor components, manufacturing variability and options selected. • SRS® TruSurround XT™ is only available for WinDVD applications. SRS® WOW™ is only available for Windows Media Player 9 in standard Windows interface. Please check your system specifications to ensure optimal results. • Microsoft® Office OneNote™ 2003 is not available in all countries. • Certain notebook chassis are designed to accommodate all possible configurations for an entire product series. Your selected model may not have all the features and specifications corresponding to all of the icons or switches shown on the notebook chassis. • HyperMemory™ is calculated as the cumulative total of local and system memory used by the Visual Processing Unit (VPU) intended for use in the processing and creation of 3D and other images. The amount of HyperMemory™ available is determined by the amount of local graphics memory and installed system memory.

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